

866,093,757

MICHIGAN

State/TRI Data

Pounds

Population	9,779,984
Square Miles	56,809
Total Facilities	904
Total Forms	3,208
Form As	375

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The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of Michigan. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

Reported Releases and Waste Management Activities

	Pounds
On-site Releases	53,067,487
Air Emissions	44,346,088
Surface Water Discharges	529,145
Underground Injection Class I Wells	5,596,855
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	72,864
Other On-site Land Releases	2,522,535
Off-site Releases (Transfers Off-site to Disposal)	32,214,433
Total On- and Off-site Releases	85,281,920
Recycled On-site	378,336,073
Recycled Off-site	128,073,875
Energy Recovery On-site	83,687,074
Energy Recovery Off-site	67,480,236
Treated On-site	89,642,433
Treated Off-site	38,111,751
Quantity Released On- and Off-site	80,762,315
(excludes non-production-related releases; e.g. releases due to	
catastrophic events or remedial actions)	
Total Production-related Waste Managed	866,093,757
Total Non-production-related Waste Managed	304,376

Top Five Chemicals for Total Releases In State

			On-site Releases					Off-site Releases (Transfers Off-site to Disposal)			
		Underground Injection On-site Releases to Land									
CAS Number	Chemical	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases		Transferred Within State		Total Releases in the State*
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
	Zinc compounds	217,003	3,545	18,328	0	13,300	6,910	1,749,733	20,412,267	251,758	22,421,086
67-56-1	Methanol	4,329,507	159,984	4,506,256	0	0	6,557	2,326	640	4,143	9,005,270
1330-20-7	Xylene (mixed isomers)	7,141,422	38	27	0	0	0	21,020	4,871	5,102	7,167,378
108-88-3	Toluene	6,770,172	387	6,142	0	0	3,022	17,609	35,327	2,413	6,832,659
7439-96-5	Manganese	72,813	925	0	0	0	914,808	95,127	3,638,032	94,659	4,721,705

^{*}The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.

Top Five Facilities for Total On-site Releases

	On-site Releases							Off-site F (Transfers Off-si	
	Underground Injection On-site Releases to Land								
Facility / City, County	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landiflls	Other On-site Land Releases	Total On-site Releases*	Transferred Within State	Transferred Out of State
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Pharmacia & Upjohn Co., Portage, Kalamazoo	195,247	84,435	3,653,879	0	0	0	3,933,561	15,690	20,889
American Tape Co., Marysville, St Clair	3,200,046	0	0	0	0	0	3,200,046	250	1,985
Holnam Inc., Dundee, Monroe	3,147,134	0	0	0	0	0	3,147,134	0	0
Warner-Lambert Co., Holland, Ottawa	280,986	0	1,915,310	0	0	0	2,196,296	12,430	0
Fibermark Inc., Rochester, Oakland	1,617,001	0	0	0	0	0	1,617,001	0	0

^{*}The facility ranking is based on the amounts in this column.

Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site		Quantity Released On- and Off-site*	Managed	related Waste Managed
Rouge Steel Co., Dearborn, Wayne	0	3,043,300	0	0	0	0	13,430,800	16,474,100	0
National Steel Corp., Ecorse, Wayne	3,266,324	3,104	0	125	29,000	58,599	8,038,012	11,395,164	0
Pharmacia & Upjohn Co., Portage, Kalamazoo	0	0	135,310	20,439,743	1,359,453	5,344,639	3,955,383	31,234,528	8,168
American Tape Co., Marysville, St Clair	14,106,716	0	0	0	0	63,860	3,202,330	17,372,906	0
Holnam Inc., Dundee, Monroe	0	0	0	0	0	0	3,147,134	3,147,134	0

^{*} The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

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